

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	917	429/27.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/08 12:01
S2	414	S1 and (((zn zinc) adj air) metal adj air)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 14:54
S3	269	S1 and (((zn zinc) adj air) metal adj air) near3 (cathode anode electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 14:54
S4	15	("4055955" "4281513" "4435229" "4490976" "4965545" "5061914" "5119555" "5165897" "5245738" "5325880" "5619177" "5771742" "5903099" "5960812" "6470180").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 15:33
S5	442	429/27,34,38,39,82-89.ccls. and (can hole oxygen) with (cathode electrode) and (metal adj air zinc adj air)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 15:36
S6	189	429/27,34,38,39,82-89.ccls. and (can hole casing container ribbon coaxial shape adj memory) with (cathode electrode) with oxygen and (metal adj air zinc adj air)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 15:38
S7	6106	429/27,34,38,39,82-89.ccls. not (metal adj air zinc adj air)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 15:38
S8	189	429/27,34,38,39,82-89.ccls. and (can hole casing container ribbon coaxial shape adj memory) with (cathode electrode) with oxygen not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 15:38

## EAST Search History

S9	5	("20050016605"   "5306580"   "5985475"   "6492046"   "6528214").PN. OR ("7056617").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 16:01
S10	24	("2759038"   "3840404"   "4105830"   "4112198"   "4591539"   "4592972"   "4871627"   "4877694"   "4950561"   "5242763"   "5328777"   "5447805"   "5554452"   "5560999"   "5650241"   "5663007"   "5795667"   "5817435"   "5891589"   "5904998"   "5916707"   "6296961").PN. OR ("6492046").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 16:03
S11	59	("3840404"   "3855000"   "3864171"   "3881959"   "3897265"   "3963519"   "3977901"   "4041211"   "4054726"   "4105830"   "4118544"   "4189526"   "4262062"   "4333993"   "4343869"   "4369568"   "4380576"   "4404266"   "4433035"   "4439500"   "4557983"   "4585710"   "4591539"   "4649090"   "4687714"   "4791034"   "4822698"   "4828939"   "4842963"   "4894295"   "4894296"   "4950561"   "4957826"   "5185218"   "5190833"   "5279905"   "5306578"   "5308711"   "5328777"   "5362577"   "5366822"   "5378562"   "5415949"   "5451473"   "5458988"   "5567538"   "5576117"   "5582930"   "5582932"   "5591541"   "5607796"   "5662717"   "5733676"   "5804327"   "5846672"   "RE31413").PN. OR ("6461761").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 16:04

## EAST Search History

S12	43	("2468430"   "2759038"   "3359705"   "3509694"   "3692569"   "3853629"   "3884722"   "3977901"   "4105830"   "4118544"   "4189526"   "4262062"   "4421579"   "4470859"   "4483694"   "4503132"   "4599157"   "4741744"   "4808651"   "4917793"   "4957826"   "5066403"   "5242763"   "5258202"   "5306579"   "5328777"   "5356729"   "5362577"   "5447636"   "5462586"   "5506067"   "5569551"   "5630941"   "5658669"   "5707757").PN. OR ("5985475"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 16:11
S13	277	"251"/\$.ccls. and shape adj memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:33
S14	3	("4923444"   "6129331"   "6168395").PN. OR ("6520477"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 11:33
S15	71	("3229956"   "3400906"   "3613732"   "3974844"   "4551974"   "4684913"   "4864824"   "5061914"   "5069419"   "5211371").PN. OR ("5325880"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 11:41
S16	33	("3243181"   "3405977"   "3414331"   "3422411"   "3437335"   "3550964"   "3881701"   "3918706"   "3991786"   "4493548"   "4577854"   "4581624"   "4618292"   "4874273"   "4986942"   "5284179"   "5497987").PN. OR ("6123316").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 13:10
S17	5021	"251"/129.01-129.22.ccls. and (actuator air adj flow hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:35
S18	3232	"251"/129.01-129.22.ccls. and (actuator air adj flow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:35

## EAST Search History

S19	567	"251"/129.01-129.22.ccls. and (air adj flow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:35
S20	76	"251"/129.01-129.22.ccls. and (air adj flow same actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:40
S21	29	(air adj flow same actuator) same shape adj memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:48
S22	59	("20020113499" "3436016" "3474964" "3664582" "4134542" "4233779" "4497241" "4541326" "4699314" "4958687" "4979672" "5054522" "5107916" "5127228" "5275219" "5396769" "5816306" "5975468" "6023121" "6085834" "6137206" "6313562" "6367252" "6446876" "6574958" "6085834").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:51
S23	9	("3050601"   "3257931"   "3967779"   "3976244"   "6247678"   "6279869").PN. OR ("6446876").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:54
S24	34	(air fluid) adj (flow movement control) with (plate sheet cylinder) same shape adj memory	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:05
S25	3	("20020039674" "6368737" "5769389").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:02
S26	14	("3965925"   "4660607"   "4903732"   "5217037"   "5372350").PN. OR ("5769389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:03
S27	10	("20050016605" "5306580" "5985475" "6492046" "6528214").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 09:27
S28	4	(air fluid) adj (vent valve) with (plate sheet cylinder) same shape adj memory	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:01

## EAST Search History

S29	33	(air fluid) adj (vent valve) same shape adj memory not S28	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:04
S30	11	(gas) adj (vent valve) same shape adj memory not S28	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:04
S31	3	(gas) adj (flow movement control) with (plate sheet cylinder) same shape adj memory	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:06
S32	36	(gas) adj (flow movement control) same shape adj memory not S31	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:16
S33	5	(slid\$4 move movable moving) with (hole opening slit) with (align misalign)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:25
S34	15	(slid\$4 move movable moving) same (hole opening slit) same (align misalign) not S33	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:22
S35	37	(hole opening slit) same (align misalign) not S33	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:23
S36	517935	(hole opening slit) same (align\$3 misalign\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:25
S37	8277	(slid\$4 move movable moving) with (hole opening slit) with (align misalign)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:27
S38	1	(slid\$4 move movable moving) with (hole opening slit) with (align misalign) same shape adj memory	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:26
S39	4	(slid\$4 move movable moving) same (hole opening slit) with (align misalign) same shape adj memory	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:26
S40	80	(align misalign) same shape adj memory	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:26
S42	3881	(slid\$4 move movable moving) with (hole opening slit) with (align misalign) same (plate sheet cylinder tube case casing)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:29
S43	384	(slid\$4 move movable moving) with (hole opening slit) with (air gas fluid) with (align misalign) same (plate sheet cylinder tube case casing)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:29

## EAST Search History

S44	16	("3860174"   "3955065"   "4097722"   "4232454"   "4525623"   "5148512"   "5157757"   "5467540"   "5507103").PN. OR ("5598640").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 10:50
S45	28	("2954788"   "3472245"   "3860174"   "3955065"   "4097722"   "4218608"   "4232454"   "4525623"   "4605019"   "4656684"   "4685479"   "5091630"   "5148512"   "5157757"   "5467540"   "5507103"   "5598640"   "5661910"   "5842286"   "D228696"   "D259964"   "D274551"   "D306357").PN. OR ("6038782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 13:25
S46	297	shape adj memory with (cover close protect) with (hole opening)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:26
S47	76	shape adj memory near4 (cover close protect) with (hole opening)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 14:10
S48	89	shape adj memory near2 ribbon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 14:10
S49	457	shape adj memory near3 actuator with (wire ribbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/08 12:02
S50	374	shape adj memory near3 actuator with (wire ribbon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/08 12:03
S51	60	shape adj memory near3 actuator with (wire ribbon) same current	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/08 12:03

## EAST Search History

S52	17	("3680306"   "3798894"   "3991972"   "4219181"   "4645489"   "4973024"   "5586085"   "5618269"   "5622413"   "5684448"   "5738276"   "5819749"   "5865418"   "5878949"   "5944285"   "6247678"   "6279869").PN. OR ("6494225").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/08 12:09
S53	47	shape adj memory with current and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/08 17:03
S54	7	("4177327"   "4893655"   "5116252"   "5218998"   "5837394"   "6386507"   "6811910").PN. OR ("6955187").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/08 16:32
S55	248	shape adj memory with current same (conserve minimize change near3 (shape state))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/08 17:05
S56	23	shape adj memory with current same (conserve minimize)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/08 17:05
S57	31	"429"/\$.ccls. and (circuit control\$4) same (auxilliary extra other) near4 (device load)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 09:04
S58	1	"429"/\$.ccls. and (circuit control\$4) same minimize adj drain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 09:04
S59	42	"429"/\$.ccls. and (circuit control\$4) same (minimize reduce) adj (drain usage output exhaust deplet\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 09:16

## EAST Search History

S60	1	"429"/\$.ccls. and minimize adj drain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:40
S61	70	oxygen adj monitor.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:41
S62	14	oxygen near2 level with monitor.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:42
S63	8	circuit with monitor with oxygen adj level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:44
S64	553	monitor with oxygen adj level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:47
S65	482	sensor with oxygen adj "level." "ti."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:47
S66	49	sensor with oxygen adj level.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:47
S67	1395	sensor with oxygen adj level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:48
S68	95	sensor with oxygen adj level same circuit	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 13:54



## EAST Search History

S69	192	137/625.33.ccls. and application	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 13:56
S70	39	137/625.33.ccls. and use	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 15:27
S71	6	(sma shape near3 memory) with (concave convex) with (actuator valve mechanism assembly)	EPO; JPO; DERWENT	OR	ON	2007/03/26 16:24
S72	7	(sma shape near3 memory) with (concave convex) with (actuator valve mechanism assembly)	US-PGPUB; USPAT	OR	ON	2007/03/26 16:59
S73	12	("2487947"   "4551975"   "4553393"   "4556050"   "4636149"   "5335498").PN. OR ("5588295").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 16:26
S74	28	(sma shape near3 memory bimetal) with (curv\$4 concave convex) with (actuator valve mechanism assembly) with (align\$5 mov\$4 relative relation) not S72 not S73	US-PGPUB; USPAT	OR	ON	2007/03/26 16:40
S75	16	("3121315"   "3930613"   "4032071"   "4068800"   "4076172").PN. OR ("4142676").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 16:44
S76	13	("1645290"   "2716683"   "3014342"   "3131272"   "3712282"   "4142676").PN. OR ("4345234").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 16:46
S77	5	("4117976"   "4142676"   "4182485"   "4247041").PN. OR ("4382546").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 16:56
S78	7	(sma shape near3 memory shape near2 change near4 current) with (concave convex) with (actuator valve mechanism assembly) not S74	US-PGPUB; USPAT	OR	ON	2007/03/26 17:03
S79	17	("3007721"   "3923351"   "4102419"   "4178045"   "4209890"   "4281841").PN. OR ("4429854").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 17:01
S80	3	(sma shape near3 memory (shape position) near5 (chang\$4 alter\$3) with current) with (concave convex) with (actuator valve mechanism assembly) not S74 not S78	US-PGPUB; USPAT	OR	ON	2007/03/26 17:04